

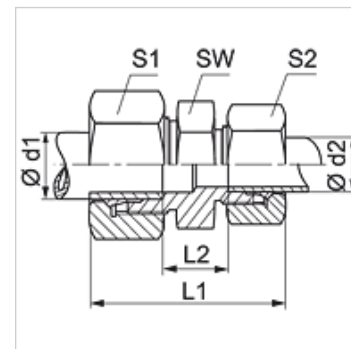
# V-LL VA / V-HL VA / V-HS VA

screwed connection

**HANSA FLEX**

## Properties

|                        |  |
|------------------------|--|
| <b>Connection 1</b>    | metric cylindrical outer thread        |
| <b>Sealing form 1</b>  | 24° inner cone                         |
| <b>Connection 2</b>    | metric cylindrical outer thread        |
| <b>Sealing form 2</b>  | 24° inner cone                         |
| <b>Design</b>          | Fitting                                |
| <b>Construction</b>    | straight                               |
| <b>Standard</b>        | ISO 8434-1                             |
| <b>Scope of supply</b> | Socket with union nut and cutting ring |
| <b>Material</b>        | Stainless steel                        |



## Note

Information about fitting, installation, pressure loads and permissible operating temperatures can be found in the technical information for pipe fittings.

## Item

| Identification   | Series | Operating pressure | Ø d1<br>(mm) | Ø d2<br>(mm) | L1<br>(mm) | L2<br>(mm) | AF<br>(mm) | S1 | S2 |
|------------------|--------|--------------------|--------------|--------------|------------|------------|------------|----|----|
| V 04 LL VA       | LL     | PN 100             | 4            | 4            | 31,0       | 12,0       | 9          | 10 | 10 |
| V 06 LL 04 VA    | LL     | PN 100             | 6            | 4            | 32,0       | 10,5       | 11         | 12 | 10 |
| V 06 LL VA       | LL     | PN 100             | 6            | 6            | 32,0       | 9,0        | 11         | 12 | 12 |
| V 08 LL 04 VA    | LL     | PN 100             | 8            | 4            | 34,0       | 12,5       | 12         | 14 | 10 |
| V 08 LL 06 VA    | LL     | PN 100             | 8            | 6            | 34,0       | 11,0       | 12         | 14 | 12 |
| V 08 LL VA       | LL     | PN 100             | 8            | 8            | 35,0       | 12,0       | 12         | 14 | 14 |
| V NW 04 HL VA    | L      | PN 315             | 6            | 6            | 39,0       | 10,0       | 12         | 14 | 14 |
| V NW 06 HL 04 VA | L      | PN 315             | 8            | 6            | 41,0       | 11,0       | 14         | 14 | 14 |
| V NW 06 HL VA    | L      | PN 315             | 8            | 8            | 40,0       | 11,0       | 14         | 17 | 17 |
| V NW 08 HL 04 VA | L      | PN 315             | 10           | 6            | 42,0       | 12,0       | 17         | 19 | 14 |
| V NW 08 HL 06 VA | L      | PN 315             | 10           | 8            | 42,0       | 12,0       | 17         | 19 | 17 |
| V NW 08 HL VA    | L      | PN 315             | 10           | 10           | 42,0       | 13,0       | 17         | 19 | 19 |
| V NW 10 HL 04 VA | L      | PN 315             | 12           | 6            | 42,0       | 13,0       | 19         | 22 | 14 |
| V NW 10 HL 06 VA | L      | PN 315             | 12           | 8            | 42,0       | 13,0       | 19         | 22 | 17 |
| V NW 10 HL 08 VA | L      | PN 315             | 12           | 10           | 44,0       | 14,0       | 19         | 22 | 19 |
| V NW 10 HL VA    | L      | PN 315             | 12           | 12           | 43,0       | 14,0       | 19         | 22 | 22 |
| V NW 13 HL 04 VA | L      | PN 315             | 15           | 6            | 43,5       | 14,0       | 24         | 27 | 14 |
| V NW 13 HL 06 VA | L      | PN 315             | 15           | 8            | 43,5       | 14,0       | 24         | 27 | 17 |
| V NW 13 HL 08 VA | L      | PN 315             | 15           | 10           | 45,0       | 15,0       | 24         | 27 | 19 |
| V NW 13 HL 10 VA | L      | PN 315             | 15           | 12           | 45,0       | 15,0       | 24         | 27 | 22 |
| V NW 13 HL VA    | L      | PN 315             | 15           | 15           | 46,0       | 16,0       | 24         | 27 | 27 |
| V NW 16 HL 06 VA | L      | PN 315             | 18           | 8            | 45,0       | 15,0       | 27         | 32 | 17 |
| V NW 16 HL 08 VA | L      | PN 315             | 18           | 10           | 46,0       | 15,5       | 27         | 32 | 19 |
| V NW 16 HL 10 VA | L      | PN 315             | 18           | 12           | 47,0       | 15,5       | 27         | 32 | 22 |
| V NW 16 HL 13 VA | L      | PN 315             | 18           | 15           | 48,0       | 16,5       | 27         | 32 | 27 |
| V NW 16 HL VA    | L      | PN 315             | 18           | 18           | 48,0       | 16,0       | 27         | 32 | 32 |
| V NW 20 HL 08 VA | L      | PN 160             | 22           | 10           | 48,0       | 17,0       | 32         | 36 | 19 |
| V NW 20 HL 10 VA | L      | PN 160             | 22           | 12           | 48,0       | 17,5       | 32         | 36 | 22 |
| V NW 20 HL 13 VA | L      | PN 160             | 22           | 15           | 50,0       | 18,5       | 32         | 36 | 27 |
| V NW 20 HL 16 VA | L      | PN 160             | 22           | 18           | 51,0       | 18,0       | 32         | 36 | 32 |
| V NW 20 HL VA    | L      | PN 160             | 22           | 22           | 52,0       | 20,0       | 32         | 36 | 36 |
| V NW 25 HL 08 VA | L      | PN 160             | 28           | 10           | 49,5       | 18,5       | 41         | 41 | 19 |
| V NW 25 HL 10 VA | L      | PN 160             | 28           | 12           | 51,0       | 19,0       | 41         | 41 | 22 |
| V NW 25 HL 13 VA | L      | PN 160             | 28           | 15           | 51,0       | 19,5       | 41         | 41 | 27 |
| V NW 25 HL 16 VA | L      | PN 160             | 28           | 18           | 52,0       | 19,0       | 41         | 41 | 32 |
| V NW 25 HL 20 VA | L      | PN 160             | 28           | 22           | 54,0       | 21,0       | 41         | 41 | 36 |
| V NW 25 HL VA    | L      | PN 160             | 28           | 28           | 54,0       | 21,0       | 41         | 41 | 41 |
| V NW 32 HL 13 VA | L      | PN 160             | 35           | 15           | 64,0       | 21,0       | 46         | 50 | 27 |
| V NW 32 HL 16 VA | L      | PN 160             | 35           | 18           | 66,5       | 19,0       | 46         | 50 | 32 |
| V NW 32 HL 20 VA | L      | PN 160             | 35           | 22           | 59,0       | 21,0       | 46         | 50 | 36 |
| V NW 32 HL 25 VA | L      | PN 160             | 35           | 28           | 59,0       | 21,0       | 46         | 50 | 41 |
| V NW 32 HL VA    | L      | PN 160             | 35           | 35           | 63,0       | 20,0       | 46         | 50 | 50 |
| V NW 40 HL 13 VA | L      | PN 160             | 42           | 15           | 70,5       | 21,0       | 55         | 60 | 27 |



# V-LL VA / V-HL VA / V-HS VA

screwed connection



| Item             |        |                    |              |              |            |            |            |    |    |
|------------------|--------|--------------------|--------------|--------------|------------|------------|------------|----|----|
| Identification   | Series | Operating pressure | Ø d1<br>(mm) | Ø d2<br>(mm) | L1<br>(mm) | L2<br>(mm) | AF<br>(mm) | S1 | S2 |
| V NW 40 HL 16 VA | L      | PN 160             | 42           | 18           | 70,5       | 21,0       | 55         | 60 | 32 |
| V NW 40 HL 20 VA | L      | PN 160             | 42           | 22           | 70,5       | 21,0       | 55         | 60 | 32 |
| V NW 40 HL 25 VA | L      | PN 160             | 42           | 28           | 62,0       | 22,5       | 65         | 60 | 41 |
| V NW 40 HL 32 VA | L      | PN 160             | 42           | 35           | 66,0       | 21,5       | 55         | 60 | 50 |
| V NW 40 HL VA    | L      | PN 160             | 42           | 42           | 66,0       | 21,0       | 55         | 60 | 60 |
| V NW 03 HS VA    | S      | PN 630             | 6            | 6            | 45,0       | 16,0       | 14         | 17 | 17 |
| V NW 04 HS 03 VA | S      | PN 630             | 8            | 6            | 48,0       | 18,0       | 17         | 19 | 17 |
| V NW 04 HS VA    | S      | PN 630             | 8            | 8            | 47,0       | 18,0       | 17         | 19 | 19 |
| V NW 06 HS 03 VA | S      | PN 630             | 10           | 6            | 49,0       | 17,5       | 19         | 22 | 17 |
| V NW 06 HS 04 VA | S      | PN 630             | 10           | 8            | 49,0       | 17,5       | 19         | 22 | 19 |
| V NW 06 HS VA    | S      | PN 630             | 10           | 10           | 49,0       | 17,0       | 19         | 22 | 22 |
| V NW 08 HS 03 VA | S      | PN 630             | 12           | 6            | 51,0       | 19,5       | 22         | 24 | 17 |
| V NW 08 HS 04 VA | S      | PN 630             | 12           | 8            | 51,0       | 19,5       | 22         | 24 | 19 |
| V NW 08 HS 06 VA | S      | PN 630             | 12           | 10           | 52,0       | 19,0       | 22         | 24 | 22 |
| V NW 08 HS VA    | S      | PN 630             | 12           | 12           | 51,0       | 19,0       | 22         | 24 | 24 |
| V NW 10 HS 03 VA | S      | PN 630             | 14           | 6            | 53,0       | 20,0       | 24         | 27 | 17 |
| V NW 10 HS 04 VA | S      | PN 630             | 14           | 8            | 54,0       | 20,0       | 24         | 27 | 19 |
| V NW 10 HS 06 VA | S      | PN 630             | 14           | 10           | 55,0       | 20,5       | 24         | 27 | 22 |
| V NW 10 HS 08 VA | S      | PN 630             | 14           | 12           | 55,0       | 20,5       | 24         | 27 | 24 |
| V NW 10 HS VA    | S      | PN 630             | 14           | 14           | 57,0       | 22,0       | 24         | 27 | 27 |
| V NW 13 HS 03 VA | S      | PN 400             | 16           | 6            | 53,0       | 20,0       | 27         | 30 | 17 |
| V NW 13 HS 04 VA | S      | PN 400             | 16           | 8            | 54,0       | 20,0       | 27         | 30 | 19 |
| V NW 13 HS 06 VA | S      | PN 400             | 16           | 10           | 54,0       | 20,0       | 27         | 30 | 22 |
| V NW 13 HS 08 VA | S      | PN 400             | 16           | 12           | 55,0       | 20,0       | 27         | 30 | 24 |
| V NW 13 HS 10 VA | S      | PN 400             | 16           | 14           | 58,0       | 21,5       | 27         | 30 | 27 |
| V NW 13 HS VA    | S      | PN 400             | 16           | 16           | 57,0       | 21,0       | 27         | 30 | 30 |
| V NW 16 HS 03 VA | S      | PN 400             | 20           | 6            | 64,5       | 23,5       | 32         | 36 | 17 |
| V NW 16 HS 04 VA | S      | PN 400             | 20           | 8            | 64,5       | 21,0       | 32         | 36 | 19 |
| V NW 16 HS 06 VA | S      | PN 400             | 20           | 10           | 59,5       | 22,0       | 32         | 36 | 22 |
| V NW 16 HS 08 VA | S      | PN 400             | 20           | 12           | 59,5       | 22,0       | 32         | 36 | 24 |
| V NW 16 HS 10 VA | S      | PN 400             | 20           | 14           | 63,0       | 23,5       | 32         | 36 | 27 |
| V NW 16 HS 13 VA | S      | PN 400             | 20           | 16           | 63,0       | 23,0       | 32         | 36 | 30 |
| V NW 16 HS VA    | S      | PN 400             | 20           | 20           | 66,0       | 23,0       | 32         | 36 | 36 |
| V NW 20 HS 04 VA | S      | PN 400             | 25           | 8            | 71,5       | 26,5       | 41         | 46 | 19 |
| V NW 20 HS 06 VA | S      | PN 400             | 25           | 10           | 72,5       | 27,5       | 41         | 46 | 22 |
| V NW 20 HS 08 VA | S      | PN 400             | 25           | 12           | 72,5       | 24,0       | 41         | 46 | 24 |
| V NW 20 HS 10 VA | S      | PN 400             | 25           | 14           | 74,5       | 26,5       | 41         | 46 | 27 |
| V NW 20 HS 13 VA | S      | PN 400             | 25           | 16           | 68,0       | 25,5       | 41         | 46 | 30 |
| V NW 20 HS 16 VA | S      | PN 400             | 25           | 20           | 71,0       | 25,5       | 41         | 46 | 36 |
| V NW 20 HS VA    | S      | PN 400             | 25           | 25           | 74,0       | 26,0       | 41         | 46 | 46 |
| V NW 25 HS 06 VA | S      | PN 400             | 30           | 10           | 74,5       | 27,0       | 46         | 50 | 22 |
| V NW 25 HS 08 VA | S      | PN 400             | 30           | 12           | 74,5       | 27,0       | 46         | 50 | 24 |
| V NW 25 HS 10 VA | S      | PN 400             | 30           | 14           | 74,5       | 27,0       | 46         | 50 | 46 |
| V NW 25 HS 13 VA | S      | PN 400             | 30           | 16           | 70,0       | 25,0       | 46         | 50 | 30 |
| V NW 25 HS 16 VA | S      | PN 400             | 30           | 20           | 74,0       | 26,0       | 46         | 50 | 36 |
| V NW 25 HS 20 VA | S      | PN 400             | 30           | 25           | 77,0       | 26,5       | 46         | 50 | 46 |
| V NW 25 HS VA    | S      | PN 400             | 30           | 30           | 80,0       | 27,0       | 46         | 50 | 50 |
| V NW 32 HS 06 VA | S      | PN 315             | 38           | 10           | 86,0       | 26,5       | 55         | 60 | 22 |
| V NW 32 HS 08 VA | S      | PN 315             | 38           | 12           | 86,0       | 26,5       | 55         | 60 | 24 |
| V NW 32 HS 10 VA | S      | PN 315             | 38           | 14           | 86,0       | 26,5       | 55         | 60 | 27 |
| V NW 32 HS 13 VA | S      | PN 315             | 38           | 16           | 81,0       | 29,0       | 55         | 60 | 30 |
| V NW 32 HS 16 VA | S      | PN 315             | 38           | 20           | 88,0       | 28,0       | 55         | 60 | 36 |
| V NW 32 HS 20 VA | S      | PN 315             | 38           | 25           | 84,0       | 29,0       | 55         | 60 | 46 |
| V NW 32 HS 25 VA | S      | PN 315             | 38           | 30           | 87,0       | 29,5       | 55         | 60 | 50 |
| V NW 32 HS VA    | S      | PN 315             | 38           | 38           | 90,0       | 29,0       | 55         | 60 | 60 |

Series: LL = Very light L = Light S = Heavy – PN = Nominal pressure PB = Max. operating pressure – Ø d1 = External pipe diameter – Ø d2 = External pipe diameter

## Product versions

|                             |                           |
|-----------------------------|---------------------------|
| V-LL / V-HL / V-HS          | Fitting, Steel            |
| V-LL MG / V-HL MG / V-HS MG | screwed connection, Brass |
| XV VA                       | Fitting, Stainless steel  |